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LISTING OF CLAIMS:

1 - 7. (Canceled)

8. (Previously presented): A method of fabricating a polycrystalline silicon channel TFT

with a gate overlying the channel, having an upstanding gate side wall, the method comprising

the steps of:

(a) providing a gate separated from a polycrystalline silicon layer by an insulating layer:

(b) implanting a dopant into the polycrystalline silicon layer using the gate as a mask;

(c) forming a spacer after step (b) adjacent to the gate that comprises a conductive region

which overlies the polycrystalline silicon layer and extends along the gate side wall, comprising

depositing a layer of conductive material over the polycrystalline silicon layer and the gate, and

selectively etching the deposited layer of conductive material to form the spacer with a first

portion overlying the polycrystalline silicon layer and a second portion extending along on the

side wall of the gate, wherein the layer of conductive material has a thickness less than that of

the gate; and

(d) implanting a dopant into the polycrystalline silicon layer using the gate and the spacer

as a mask to form a source or drain region, such that the spacer overlies an LDD region in the

polycrystalline silicon layer between the source or drain region and the channel.

9. (Currently amended): The method according to claim \$ 13 including depositing the

layer of conductive material to a thickness which is less than that of the gate.

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10. (Previously presented): The method according to claim 8 including depositing the

conductive material in a non-conformal layer.

11. (Previously presented): The method according to claim 8 including depositing the

layer by sputtering.

12. (Previously presented): The method according to claim 8 including depositing said

layer as a metailic layer.

13. (Previously presented): A method of fabricating a polycrystalline silicon channel TFT

with a gate overlying the channel, having an upstanding gate side wall, the method comprising

the steps of:

(a) providing a gate separated from a polycrystalline silicon layer by an insulating layer:

(b) implanting a dopant into the polycrystalline silicon layer using the gate as a mask;

(c) forming a spacer after step (b) adjacent to the gate that comprises a conductive region

which overlies the polycrystalline silicon layer and extends along the gate side wall, comprising

depositing a layer of conductive material over the polycrystalline silicon layer and the gate, and

selectively etching the deposited layer of conductive material to form the spacer with a first

portion overlying the polycrystalline silicon layer and a second portion extending along on the

side wall of the gate, wherein the selective etching of the conductive layer is carried out by

forming a fillet over the first portion thereof, and selectively etching the conductive layer where

not protected by the fillet; and

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- (d) implanting a dopant into the polycrystalline silicon layer using the gate and the spacer as a mask to form a source or drain region, such that the spacer overlies an LDD region in the polycrystalline silicon layer between the source or drain region and the channel.
- 14. (Previously presented): The method according to claim 13 including depositing a further layer on said conductive layer, and selectively etching the further layer to form the fillet therefrom.
- 15. (Previously presented): The method according to claim 14 including depositing the further layer as a conformal layer.
- 16. (Previously presented): The method according to claim 14 including depositing the further layer as a Si containing layer.
- 17. (Previously presented): The method according to claim 14 including depositing the further layer by CVD.

18-19. (Canceled)

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